



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090442

Mode: Highway

Status: Submitted

US-64

From/Cross Street: US 64 Business/NC 345

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Statewide Mobility

Length: 0.5

TIP#: U-3815

Fully Funded in Draft STIP? No

Cost to NCDOT: \$1,550,000

Description:

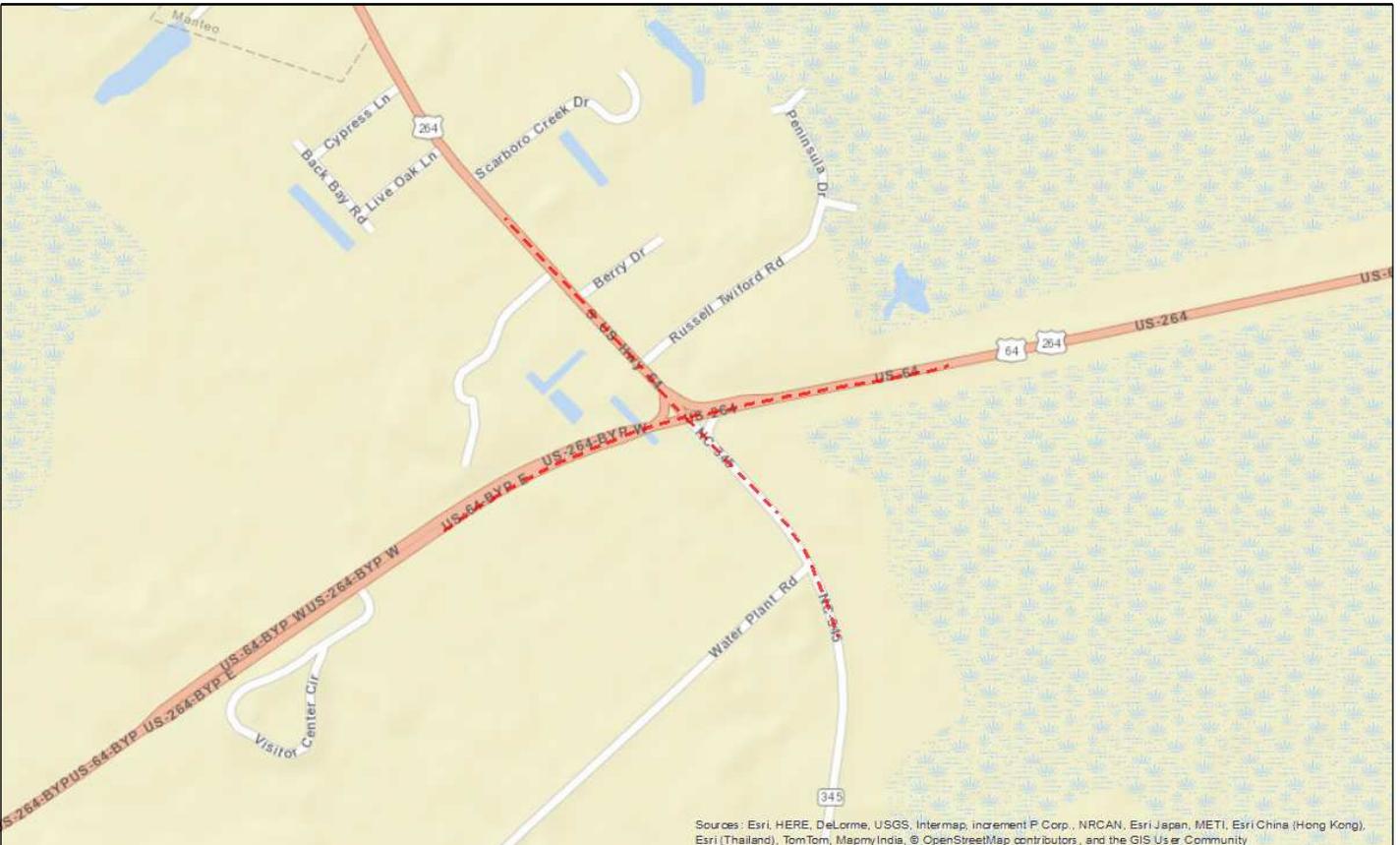
US 64-US 64 Bypass-NC 345. Improve intersection.

Division(s): Division 1

County(s): DARE

MPOS(s)/RPO(s): Albemarle RPO

Project Location



Statewide Mobility Total Score: 26.82

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 83.35	N/A	N/A
Economic Competitiveness (10%) 8.80		
[Travel Time] Benefit/Cost (30%) 29.15		
Multimodal + [Freight & Military] (20%) 8.25		
Congestion (V/C) (30%) 24.05		
Totals: Weight: 100% Weighted Score: 26.82		

Regional Impact Total Score: 36.94

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Lane Width (10%) 0.00	Percent: 15% Points: 0	Percent: 15% Points: 100
[Paved] Shoulder Width (10%) 0.00		
Safety (15%) 83.35		
Congestion (V/C) (15%) 24.05		
[Travel Time] Benefit/Cost (20%) 29.15		
Totals: Weight: 70% Weighted Score: 21.94		

Division Needs Total Score: 13.65

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 24.05	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 83.35		
Lane Width (10%) 0.00		
[Travel Time] Benefit/Cost (10%) 29.15		
[Paved] Shoulder Width (10%) 0.00		
Totals: Weight: 50% Weighted Score: 13.65		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	53
Length (miles);	0.5
Facility Type:	Multi-Lane Highway
Access Control:	Limited
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	22297.92
Capacity:	88445.59
Volume/Capacity Ratio:	0.25
% Autos:	93%
% Trucks:	7%
Truck Volume:	1650.8
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	100
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	15
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	97
Actual Congested Speed:	21.08
Travel Time Index:	2.61

Project Benefits

Project Cross-Section:	
Speed Limit:	55
Length (miles):	0.5
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1992000
Travel Time Savings for 30 Years (Autos):	1844524.63
Travel Time Savings for 30 Years (Trucks):	147475.37
Long-Term Employment:	33
% Change in Economy:	0.00014297
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 1

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 1	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Albemarle RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$1,250,000	Cost Estimation Tool
Right-of-Way Cost:	\$300,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$1,550,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$1,550,000	